



NAYA RAIPUR DEVELOPMENT AUTHORITY

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Corrigendum -1

Date: 13/10/2016

Name of the Work: “Supply, Laying and Annual Maintenance Contract For Optical Fiber Cable in Naya Raipur”

With reference to NIT No. : 102/TELCOM/ELECT/CE(E)/NRDA/2016-17,Naya Raipur Dated: 19.09.2015; The following Corrigendum-1 is made.

Sr. No.	Description	In place of	Read As
01	Last Date and time of submission of Tender	18-10-2016 15.00Hrs	& 25-10-2016 & 15.00Hrs
02	Date and time of opening of Tender	18-10-2016 16.00Hrs	& 25-10-2016 & 16.00Hrs

Clarifications based on Pre bid queries received is provided in Annexure A.The same shall form part of agreement .All other terms and condition shall remain same.

नया रायपुर – मेरा रायपुर

Chief Executive Officer

ANNEXURE A

Reply to Pre Bid Queries

Supply, Laying and Annual Maintenance Contract For Optical Fiber Cable in Naya Raipur

NIT No. : 102/TELCOM/ELECT/CE(E)/NRDA/2016-17,Naya Raipur Dated: 19.09.2015

S. No.	No. Title/Item No.	Brief Description of the clause	Query/ Comments of Bidder	Clarification/New Items
1	NRDA F-1-Schedule-D- Section-II Scope of work Item no:6.2 Clause No. 6.2.3 Ref Page No-8	Corrective Maintenance Services NRDA may lodge complaints to Bidder at all times. Bidder shall provide a complaint number for each complaint for which a proper record would be maintained. This complaint register shall be maintained regularly and verified copy (by nodal officer of project) of complaint register should also be submitted by Bidder to NRDA along with the invoice for release of balance 10% payments as per the payment terms and conditions	As per Clause 6.2.3 it mentions the release of balance 10% payments as per the payments terms and conditions . However this is not consistent with the Payment Terms mentioned in Clause 31.	Read as NRDA may lodge complaints to Bidder at all times. Bidder shall provide a complaint number for each complaint for which a proper record would be maintained. This complaint register shall be maintained regularly and verified copy (by nodal officer of project) of complaint register should also be submitted by Bidder to NRDA along with the invoice.
2	NRDA F-1-Schedule-D- Section-II Scope of work Item no:6.0 Clause No. 6.22 Ref Page No-12	Detailed Scope of Work for Annual Maintenance	As per Clause 6.22 it states quantities indicated are optional and may vary from 0% to 100% or above on need basis . Hence as per this Prices may be subject to revision.	AMC charges shall be paid as per actual .
3	NRDA F-1- Schedule-D- Section IV- Special Conditions of Contract Item no:31 Ref Page No. 14 of 16	Pricing Schedule	As it is mentioned that Spares support is the responsibility of OEM , however in the pricing schedule there is no separate line item for the same . Can we add separate line item or should we include the same in OFC Maintenance charges as defined in Scope of Work for 3 years. Kindly clarify the same .	The rate quoted shall be inclusive of all the spares and as well as any other material .The cost Of spare shall be incidental to the work the bidders are advised to estimate any such cost required to maintain the SLA 's as mention in the tender document .it is presumed that all such expenditure is included in the cost quoted . nothing extra shall be payable by NRDA on any such account .
		Payment Terms and Schedule	In Terms of Payment for AMC Charges it is mentioned as Quarterly in 12 Instalments on the rates quoted against activity after route commissioning . However it is not mentioned whether it is Quarterly in advance or arrears ? Kindly clarify the same .	Quarterly payment shall be made only after successful completion of O&M work of that particular quarter
		Pricing Schedule	In the Price Schedule the Breakup of Taxes , Duties , Transportation and Insurance is not mentioned separately . Hence kindly clarify whether the same is required or not since the quote is inclusive of all taxes and duties .	The quoted rate shall be inclusive of all taxes and duties
4	NRDA F-1-Schedule-D- Section-II Scope of work Item no: 4.0 Clause No. 6.22 Ref Page No. 3 of 12	Detailed Scope of work for laying of OFC duct	We assume that there is no cost for RoW, so Row shall be provided within 7 days from the date of award of contract. Is the assumption correct?	NO ROW Charges are required to paid, since NRDA it self his owner of ROW.
5	NRDA F-1-Schedule-D Section – III Technical Specification of Works Item no: 1.0 Clause No. 1.4 Ref Page No. 3 of 47	Trenching : Depth & width	What will be the distance of new trench from road of centre, or any utility area already plan for new T&D work ?	it will be with in ROW as design coss section of that particular road .
6	NRDA F-1-Schedule-D Section – III Technical Specification of Works Item no: 1.0 Clause No. 1.20 Ref Page No. 14 of 47	Specification for Warning Tape	Will Warning tape be provided by NRDA? Or should we include in Cost ?	The rate quoted shall be inclusive of all the Warning Tape and as well as any other material .The cost ofWarning Tape shall be incidental to the work the bidders are advised to estimate any such cost required to maintain the SLA' s as mention in the tender document . it is presumed that all such expenditure is included in the cost quoted . nothing extra shall be payable by NRDA on any such account .
7	NRDA F-1-Schedule-D Section – III Technical Specification of Works Item no: 5.0 Clause No. 5.4.2 Ref Page No. 42 of 47	Colour Coding Scheme	Fiber colour coding table, 4 number and 12 number Fiber are natural colour, please check if changes required it should be brown as per design.	<u>Fiber colour coding table-1</u> Fiber identification for 4 number shall be brown in place of natural

8	NRDA F-1-Schedule-D Section – III Technical Specification of Works Item no: 6.0 Clause No. 6.2 Ref Page No. 42 of 47	Raw Material	Is Duct, cable, and jointing accessories in contractor scope or NRDA will provide	It will be included in bidder cost.NRDA will no pay any extra cost for Duct, cable, and jointing accessories
a	Item no: 6.0 Clause No. 6.2.4 Ref Page No. 42 of 47	The manufacturer can change the raw material from one approved source to other approved source with the approval of BBNL. In case of change of source/grade of SM Optical Fibre, the call for fresh evaluation/testing shall be decided by BBNL.		Read as :- The manufacturer can change the raw material from one approved source to other approved source with the approval of NRDA. In case of change of source/grade of SM Optical Fibre, the call for fresh evaluation/testing shall be done by NRDA.
b	Item no: 1.0 Clause No. 1.9.2 Ref Page No. 6 of 47	Other road crossings: Excavation in soil up to 1.65 m under asphalted and other paved surfaces. Laying of one way 100 mm nominal dia GI pipe, (Grade-B) / 117/120 mm OD DWC pipe pushing of duct through GI pipe/ DWC pipe, back-filling 100 mm with sieved soil, balance – filling with excavated material. Reference Drawing No.RITES/S&T/NRDA/C.DRG/2002/05.		Read as :- Other road crossings: Excavation in soil up to 1.65 m under asphalted and other paved surfaces. Laying of one way 100 mm nominal dia GI pipe, (Grade-B) / 117/120 mm OD DWC pipe pushing of duct through GI pipe/ DWC pipe, back-filling 100 mm with sieved soil, balance – filling with excavated material.
9	NRDA F-1-Schedule-D- Section-II–SCOPE OF WORK Section-B : Scope of Work Ref Page No. 3 of 12	Scope of Work : Blowing optical fibre cable through one of the HDPE duct. This duct would be a tracer duct with copper wire and extended along the length, as per specification given in section 4, clause 4.16.	The reference of Clause 4.16 is not mentioned in the tender. Kindly Clarify	Read as:- Blowing optical fibre cable through one of the HDPE duct.
10	NRDA F-1-Schedule-D- Section-II–SCOPE OF WORK Item no: 4.0 Clause No. 4.1 Ref Page No. 3 of 12	Providing duct alignment sheet	What is duct alignment sheet? Please elaborate.	This shall be part of As Built Drawing that will be provided by the bidder on the completion of the that particular route .
11	NRDA F-1-Schedule-D- Section-II–SCOPE OF WORK Item no: 4.0 Clause No. 4.1 Ref Page No. 4 of 12	Testing of end sealing.	What is this test? Please elaborate.	Standard test shall be conduct as per prevailing practice and applicable standard
12	NRDA F-1-Schedule-D- Section-II–SCOPE OF WORK Item no: 5.0 Clause No. 5.1.4 Ref Page No. 4 of 12	The Manholes are prepared by providing 65 mm split HDPE/PLB pipe of 2.5 to	what need to be done here not clear? Please elaborate.	This clause shall be deleted, as it is not part of scope of work. Similarly clause 5.1.4 and 5.1.5 will also be deleted.
13	NRDA F-1-Schedule-D- Section-II–SCOPE OF WORK Item no: 6.0 Clause No. 6.1.5 Ref Page No. 6 of 12	Provide a standby system/replace the entire overhead OFC cable and allied items of similar or higher configuration when the fault is not rectifiable and repair the	What is mean by standby system? Are we going to maintained Overhead OFC cable also? What are the allied items?	This clause 6.1.5 shall be deleted.
14	NRDA F-1-Schedule-D- Section-II–SCOPE OF WORK Item no: 6.0 Clause No. 6.12 Ref Page No. 11 of 12	After the OTDR measurement, the As-built drawing shall be referred and the physical site of fault on ground shall be located. It may be possible that data in as built document may not be correct for the accuracy purpose. As built drawing shall be taken as reference only .No claim of contractor will be entertained on account of this. Accordingly,the job of excavation (up to the length of 40 M), identification of OFC cable, pulling of cable from both ends, construction of jointing pits, splicing of OFC, back filling of trench & jointing-pit shall be taken up as per the standard procedure. In case trenching required for the restoration of the fault is more than 40 M, payment as per SOR-C shall be admissible for trenching quantity beyond 40 Meters.	Any delay in fault/cut detection due to inaccurate ABD shall be excluded from SLA.	Read as :- After the OTDR measurement, the As-built drawing shall be referred and the physical site of fault on ground shall be located. It may be possible that data in as built document may not be correct for the accuracy purpose. As built drawing shall be taken as reference only .No claim of contractor will be entertained on account of this. Accordingly, the job of excavation (up to the length of 40 M), identification of OFC cable, pulling of cable from both ends, construction of jointing pits, splicing of OFC, back filling of trench & jointing-pit shall be taken up as per the standard procedure.
15	NRDA F-1-Schedule-D- Section-II–SCOPE OF WORK Item no: 6.0 Clause No. 6.13 Ref Page No. 11 of 12	After the completion of site activities, the CONTRACTOR shall ensure the restoration of the traffic from the Network management center at NRDA and thereafter fresh OTDR measurement & traces (for 1310nm & 1550 nm) shall be taken for all FIBRES & submitted to NRDA.	OTDR traces on live fiber not possible and this will disturb the live traffic.	No Change

16	NRDA F-1-Schedule-D Section – III Technical Specification of Works Item no: 1.0 Clause No. 1.6.6 Ref Page No. 5 of 47	Trenching and back filling in normal/hard soil shall be carried out as per drawing No.RITES/S&T/NRDA/C.DRG/2002/01 whereas in case of hard rock, it should be as per	Please share drawing No.	Drawing has been uploaded please Ref as
		drawing No.RITES/S&T/NRDA/C.DRG/2002/04.	RITES/S&T/NRDA/C.DRG/2002/01	RITES/S&T/NRDA/C.DRG/2002/01
			No.RITES/S&T/NRDA/C.DRG/2002/04.	No.RITES/S&T/NRDA/C.DRG/2002/02.
			No.RITES/S&T/NRDAC.DRG/2002-02.	No.RITES/S&T/NRDAC.DRG/2002-03
			No.RITES/S&T/NRDA/C.DRG/2002/03)	No.RITES/S&T/NRDA/C.DRG/2002/04
		No.RITES/S&T/NRDA/C.DRG/2002/05	Deleted	
17	NRDA F-1-Schedule-D Section – III Technical Specification of Works Item no: 1.0 Clause No. 1.11.1 Ref Page No. 7 of 47	Supply of GI pipe (Grade-B) and DWC pipes would be the responsibility of the	Please share Annexure-A,B	Annexure-A,B please refer the IS 1239 & IS 14930
18	Work Agreement			The work agreement will be made as follows :- A- Total amount quoted for SITC and O & M shall be consider for evaluation of the lowest bidder . B- The separate agreement made with the bidder one for SITC and other for O & M, for the purpose of taxation clarity C- The PG /SD/ other clause such as penalty shall be operated on the total contract value.
19	Bill of quantity			
a	Section : C	Electricity duct	Can you please provide dimensions of electricity duct, where HDPE duct for Fiber to be laid	Two size of cable duct is available ap per following 1- W 1000 MM X D 1000 MM 2- W 1000 MM x D 600 MM
b	Section C	Electricity duct	Can you please provide distance between 2 man-holes for electricity duct.	No main hole provided . It is concrete duct.
c	Section C	Electricity duct	Are these electricity duct carrying any live electricity cable	yes